

AMENDMENTS TO THE CLAIMS

Presented below is a complete set of claims with current status indicators.

1. (previously presented) A method of using an external programming system in conjunction with implanted medical devices to recommend a sequence of procedures to be performed during a follow-up consultation with a patient having an implanted medical device, said method comprising:

performing procedures between the external programming system and an implanted device during a follow-up consultation;

recording into the external programming system, information related to the procedures performed between the external programming system and an implanted device during the follow-up consultation, wherein the recorded information comprises the sequence in which procedures are performed between the external programming system and an implanted device;

repeating the performing and the recording for one or more follow-up consultations;

analyzing the recorded information using software resident within the external programming system; and

based at least in part on the analyzing, presenting information through the external programming system, the presented information indicative of a recommended sequence of procedures to be performed between the external programming system and an implanted device during a subsequent follow-up consultation with a patient having an implanted device.

2. (previously presented) The method of claim 1, wherein the recording comprises recording information indicative of the sequence of procedures for interrogating the implanted device.

3. (previously presented) The method of claim 1, wherein the recording comprises recording information indicative of the sequence of procedures for communicating diagnostic data with the implanted device.

4. (previously presented) The method of claim 1, wherein the recording comprises recording information indicative of the sequence of procedures for threshold assessments based on the implanted device.

5. (previously presented) The method of claim 1, wherein the recording comprises recording information indicative of the sequence of procedures for rhythm assessments based on the implanted device.

6. (previously presented) The method of claim 1, wherein the analyzing comprises engaging in statistical analysis of the recorded sequence information.

7. (original) The method of claim 6, wherein the statistical analysis comprises confidence level analysis.

8. (previously presented) The method of claim 1, wherein the analyzing comprises pattern analysis of the recorded sequence information.

9. (previously presented) The method of claim 1, wherein the analyzing comprises comparing the recorded sequence information to previously recorded sequence information.

10. (original) The method of claim 1, wherein the analyzing comprises relying at least in part on guidelines.

11. – 25. (canceled)

26. (previously presented) An external programming system for use in conjunction with implanted medical devices to recommend a sequence of procedures to be performed during a follow-up consultation with a patient having an implanted medical device, said external programming system comprising:

a memory device;

an input operative to input to the memory device, information related to procedures performed between the external programming system and one or more implanted devices during a plurality of follow-up consultations, wherein the recorded

information comprises the sequence in which procedures are performed between the external programming system and the one or more implanted devices;

statistical analysis software operative to analyze the procedural information; and
an output operative to output one or more recommended sequence of
procedures to be performed between the external programming system and an
implanted device during a subsequent follow-up consultation, based at least in part on a
statistical analysis of the procedural information performed using the statistical analysis
software.

27. (previously presented) The method of claim 1 further comprising, storing
the presented information in the external programmer for future follow-up consultations.

28. (previously presented) The method of claim 1 wherein the procedures are
performed by the same care provider on a plurality of different patients and the
presented information corresponds to the care provider.

29. (previously presented) The method of claim 1 wherein the procedures are
performed on the same patient and the presented information corresponds to the
patient.

30. (previously presented) The method of claim 1 wherein the procedures are
performed by the same care provider on a plurality of different patients having the same
type of implanted device and the presented information corresponds to the type of
implanted device.